

Title (en)

SIGNAL TRANSMISSION SYSTEM, SIGNAL TRANSMITTER, AND SIGNAL RECEIVER

Title (de)

SIGNALÜBERTRAGUNGSSYSTEM, SIGNALSENDER UND SIGNALEMPFÄNGER

Title (fr)

SYSTEME DE TRANSMISSION DE SIGNAUX, EMETTEUR DE SIGNAUX ET RECEPTEUR DE SIGNAUX

Publication

EP 1271949 B1 20111214 (EN)

Application

EP 01970206 A 20010925

Priority

- JP 0108315 W 20010925
- JP 2000290374 A 20000925

Abstract (en)

[origin: EP1271949A1] A video signal, an audio signal, and a control signal to be used for control at the receiving end are time-division-multiplexed and transmitted. A signal transmission system is provided with a signal transmission apparatus (11) including a time-base compression unit (101) for time-base-compressing an audio signal, and a multiplexing unit (102) for time-division-multiplexing a control signal and the time-base-compressed audio signal in a blanking period of a video signal, and transmitting the time-division-multiplexed signal to a signal reception apparatus (12) through a transmission path (106); and a signal reception apparatus (12) including a demultiplexing unit (103) for demultiplexing the signal in which the video signal, the control signal, and the time-base-compressed audio signal are time-division-multiplexed, which signal is transmitted from the signal transmission apparatus (11), into the video signal, the control signal, and the time-base-compressed audio signal, respectively, and a time-base decompression unit (104) for decompressing the time-base-compressed audio signal. <IMAGE>

IPC 8 full level

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Citation (examination)

- TED PAINTER ET AL: "Perceptual Coding of Digital Audio", PROCEEDINGS OF THE IEEE, IEEE. NEW YORK, US, vol. 88, no. 4, 1 April 2000 (2000-04-01), XP011044355, ISSN: 0018-9219
- SCHEIRER E D: "The MPEG-4 Structured Audio standard", ACOUSTICS, SPEECH AND SIGNAL PROCESSING, 1998. PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL CONFERENCE ON SEATTLE, WA, USA 12-15 MAY 1998, NEW YORK, NY, USA, IEEE, US, vol. 6, 12 May 1998 (1998-05-12), pages 3801 - 3804, XP010279650, ISBN: 978-0-7803-4428-0, DOI: 10.1109/ICASSP.1998.679712

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